American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 70 For Week Ended December 15, 1989 NO. 50

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/15/89	Last Week Ending: 12/08/89	Last Year Week Ending: 12/16/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,901	13,813	13,608	88	293
Operable capacity	15,591	15,591	15,922	0	-331
Percent operated	89.2	88.6	85.5		
Motor Gasoline					
Total motor gasoline production	7,168	7,231	7,374	-63	-206
Finished leaded motor gasoline production	509	548	1,166	-39	-657
Finished unleaded motor gasoline production	6,659	6,683	6,208	-24	451
Total motor gasoline stocks	227,220	223,598	224,857	3,622	2,363
Finished leaded motor gasoline stocks	18,389	17,916	39,069	473	-20,680
Finished unleaded motor gasoline stocks	170,774	167,326	147,343	3,448	23,431
Jet Fuel Kerosine					
Jet fuel kerosine production	1,329	1,279	1,258	50	71
Jet fuel kerosine stocks	44,136	43,992	37,804	144	6,332
Distillate Fuel Oil					
Distillate fuel oil production	3,385	3,320	3,079	65	306
Distillate fuel oil stocks	116,791	118,466	125,989	-1,675	-9,198
Residual Fuel Oil					
Residual fuel oil production	1,184	1,109	1,068	75	116
Residual fuel oil stocks	49,170	50,423	44,824	-1,253	4,346
Imports					
Crude oil imports	6,252	5,699	4,711	553	1,541
Product imports	2,207	1,951	2,318	256	-111
Crude Oil Stocks					
Crude oil stocks	347,780	343,663	340,338	4,117	7,442
Crude Supply Balance	7[illegible]2				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,397	1,218	1,236	1,325	93.3
Appal. No. 1	116	105	107	124	86.3
DISTRICT 1 TOTAL	1,513	1,323	1,343	1,449	92.7
Ind., Ill., Ky.	2,125	2,003	2,011	2,198	91.5
Minn., Wisc., Daks.	317	317	317	337	94.1
Okla., Kans., Mo.	728	673	687	730	94.1
DISTRICT 2 TOTAL	3,170	2,993	3,015	3,265	92.3
Inland Texas	560	515	516	555	93.0
Texas Gulf Coast	3,477	3,125	3,134	3,477	90.1
La. Gulf Coast	2,813	2,500	2,532	2,938	86.2
N. La. and Ark.	177	161	161	247	65.2
New Mexico	77	74	74	76	97.4
DISTRICT 3 TOTAL	7,104	6,375	6,417	7,293	88.0
DISTRICT 4 TOTAL	480	462	464	546	85.0
DISTRICT 5 TOTAL	2,778	2,573	2,662	3,038	87.6
TOTAL U.S.	15,045	13,726	13,901	15,591	89.2
TOTAL U.S. Weeks Ended:					
DEC. 8, 1989	14,910	13,660	13,813	15,591	88.6
DEC. 16, 1988	14,699	13,547	13,608	15,922	85.5
DISTRICTS 1-4 Weeks Ended:					
DEC. 15, 1989	12,267	11,153	11,239	12,553	89.5
DEC. 8, 1989	12,137	11,081	11,148	12,553	88.8
DEC. 16, 1988	11,888	10,760	10,813	12,691	85.2

API WEEKLY STATISTICAL BULLETIN

Week Ended December 15, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	629	5	624	14	90	340	219
Appal. No. 1	37	5	32	--	--	39	4
DISTRICT 1 TOTAL	666	10	656	14	90	379	223
Ind., Ill., Ky.	1,239	9	1,230	3	136	519	70
Minn., Wisc., Daks.	166	19	147	--	23	81	9
Okla., Kans., Mo.	355	31	324	12	67	184	14
DISTRICT 2 TOTAL	1,760	59	1,701	15	226	784	93
Inland Texas	305	34	271	32	45	135	14
Texas Gulf Coast	1,636	57	1,579	62	284	756	236
La. Gulf Coast	1,175	42	1,133	54	306	679	171
N. La. and Ark.	64	1	63	6	3	55	12
New Mexico	49	15	34	11	3	19	--
DISTRICT 3 TOTAL	3,229	149	3,080	165	641	1,644	433
DISTRICT 4 TOTAL	253	69	184	8	26	130	12
DISTRICT 5 TOTAL	1,260	222	1,038	56	346	448	423
TOTAL U.S.	7,168	509	6,659	258	1,329	3,385	1,184
TOTAL U.S. Weeks Ended:							
DEC. 8, 1989	7,231	548	6,683	237	1,279	3,320	1,109
DEC. 16, 1988	7,374	1,166	6,208	220	1,258	3,079	1,068
DISTRICTS 1-4 Weeks Ended:							
DEC. 15, 1989	5,908	287	5,621	202	983	2,937	761
DEC. 8, 1989	5,942	288	5,654	166	921	2,866	693
DEC. 16, 1988	6,041	847	5,194	133	903	2,624	679

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended December 15, 1989

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,697	21	4,675	1	70	512	4,833	605	--
Central Atlantic	28,800	118	24,135	4,547	662	5,079	24,709	19,199	12,316
Lower Atlantic	30,775	1,089	29,385	301	502	5,435	15,833	3,054	567
DISTRICT 1 TOTAL	64,272	1,228	58,195	4,849	1,234	11,026	45,375	22,858	12,883
DISTRICT 2 TOTAL	61,345	6,636	46,765	7,944	999	8,645	30,170	3,233	17,632
DISTRICT 3 TOTAL	63,708	2,788	45,382	15,538	2,177	16,265	26,802	13,492	53,215
DISTRICT 4 TOTAL	7,547	1,957	3,494	2,096	343	804	3,007	464	2,371
DISTRICT 5 TOTAL	30,348	5,780	16,938	7,630	1,428	7,396	11,437	9,123	22,101
TOTAL U.S.	227,220	18,389	170,774	38,057	6,181	44,136	116,791	49,170	108,202
TOTAL U.S. Weeks Ended:									
DEC. 8, 1989	223,598	17,916	167,326	38,356	6,043	43,992	118,466	50,423	109,158
DEC. 16, 1988	224,857	39,069	147,343	38,445	6,290	37,804	125,989	44,824	106,292
DISTRICTS 1-4 Weeks Ended:									
DEC. 15, 1989	196,872	12,609	153,836	30,427	4,753	36,740	105,354	40,047	86,101
DEC. 8, 1989	192,121	12,105	150,392	29,624	4,664	36,616	107,914	41,687	87,055
DEC. 16, 1988	194,220	32,767	131,246	30,207	4,339	30,760	113,336	36,814	80,832

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

WEEKLY STATISTICAL BULLETIN
Week Ended December 15, 1989

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1989	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
DEC. 15, 1989	4,549.0	4,696.0	5,901	669	259,787
DEC. 8, 1989	4,549.0	--	5,499	679	262,796
DEC. 1, 1989	4,541.0	--	6,548	675	266,851
NOV. 24, 1989	4,541.0	--	5,313	595	262,830
DISTRICT 5 TOTAL					
DEC. 15, 1989	2,951.0	2,733.0	351	15	87,993 #
DEC. 8, 1989	2,951.0	--	200	9	80,867
DEC. 1, 1989	2,939.0	--	179	22	85,045
NOV. 24, 1989	2,939.0	--	290	17	81,203
TOTAL U.S.					
DEC. 15, 1989	7,500.0	7,429.0	6,252	684	347,780 #
DEC. 8, 1989	7,500.0	--	5,699	688	343,663
DEC. 1, 1989	7,480.0	--	6,727	697	351,896
NOV. 24, 1989	7,480.0	--	5,603	612	344,033
DEC. 16, 1988	7,942.0 a/	--	4,711	728	340,338

#INCLUDES 24,863 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for December 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages Absolute	1988 Averages Positive	1988 Averages Negative
DEC. 15, 1989	702	445	472	-372

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
DEC. 15, 1989	13,453	71,550	162,797	11,987	259,787	87,993 #	347,780 #
DEC. 8, 1989	13,278	72,797	164,744	11,977	262,796	80,867	343,663
DEC. 16, 1988	16,152	71,197	160,976	11,790	260,115	80,223	340,338

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	68	--	68	--	--	--	108	112	9	--	--	297
Central Atlantic	110	21	89	89	--	69	229	507	17	45	115	1,181
Lower Atlantic	128	--	128	--	--	43	--	--	--	--	2	173
DISTRICT 1 TOTAL												
DEC. 15, 1989	306	21	285	89	--	112	337	619	26	45	117	1,651
DEC. 8, 1989	366	--	366	91	--	37	151	443	87	154	61	1,390
DEC. 1, 1989	406	--	406	11	--	126	409	396	6	111	25	1,490
NOV. 24, 1989	142	--	142	--	--	11	173	451	13	37	77	904
DISTRICTS 2-4 TOTAL												
DEC. 15, 1989	7	--	7	34	3	80	18	19	173	98	75	507
DEC. 8, 1989	7	--	7	6	3	13	10	29	215	144	95	522
DEC. 1, 1989	8	--	8	--	--	46	30	12	122	168	126	512
NOV. 24, 1989	5	--	5	--	--	4	7	12	90	68	309	495
DISTRICT 5 TOTAL												
DEC. 15, 1989	14	--	14	--	--	10	5	10	8	2	--	49
DEC. 8, 1989	14	--	14	7	--	2	3	8	2	1	2	39
DEC. 1, 1989	17	--	17	--	--	9	10	6	6	4	--	52
NOV. 24, 1989	5	--	5	--	--	5	2	--	9	1	2	24
TOTAL U.S.	327	21	306	123	3	202	360	648	207	145	192	2,207
TOTAL U.S. Weeks Ended:												
DEC. 8, 1989	387	--	387	104	3	52	164	480	304	299	158	1,951
DEC. 1, 1989	431	--	431	11	--	181	449	414	134	283	151	2,054
NOV. 24, 1989	152	--	152	--	--	20	182	463	112	106	388	1,423
DEC. 16, 1988	279	7	272	30	3	58	305	735	238	381	289	2,318

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.